

Affymetrix Scientific Publication Database

54 publications were found using the following terms:

Title: CYP

1. Comparison of DNA from blood and buccal swabs in CYP2D6 genotyping by Affymetrix p450 GeneChip and conventional methods.

Flockhart, D. A. et al. Clinical Pharmacology & Therapeutics 67(2), 99, 2000.

2. Transcriptional regulation of human CYP27 integrates retinoid, peroxisome proliferator-activated receptor, and liver X receptor signaling in macrophages.

Szanto, A. et al. Molecular and Cellular Biology 24(18), 8154-66, 2004.

- 3. Association between CYP2D6 genotype and tardive dyskinesia in Korean schizophrenics. Nikoloff, D. *et al.* The Pharmacogenomics Journal 2(6), 400-7, 2002.
- 4. Induction of CYP1A1 and CYP1B1 and formation of carcinogen-DNA adducts in normal human mammary epithelial cells treated with benzo[a]pyrene. Keshava, C. *et al.* Cancer Lett 221(2), 213-24, 2005.
- 5. Characterization of human CYP1A1/1A2 induction by DNA microarray and alpha-naphthoflavone. Ishida, S. *et al.* Biochemical & Biophysical Research Communications 296(1), 172-7, 2002.
- 6. Microarray analysis on CYPs expression in pregnant rats after treatment with pregnenolone-16alpha-carbonitrile and phenobarbital.. Ejiri, N *et al.* Exp Mol Pathol 78(1), 71-7, 2005.
- 7. Estrogen receptor alpha increases basal and cigarette smoke extract-induced expression of CYP1A1 and CYP1B1, but not GSTP1, in normal human bronchial epithelial cells. Han, W. *et al.* Molecular Carcinogenesis 44(3), 202-11, 2005.
- 8. Reduction in tamoxifen-induced CYP3A2 expression and DNA adducts using antisense technology. Mahadevan, B. *et al.* Molecular Carcinogenesis 45(2), 118-25, 2006.
- 9. A PXR-Mediated Negative Feedback Loop Attenuates the Expression of CYP3A in Response to the PXR Agonist Pregnenalone-16alpha-Carbonitrile. Bailey, I. *et al.* Plos One 6(2), NPG, 2011.
- 10. CYP24A1 Is an Independent Prognostic Marker of Survival in Patients with Lung Adenocarcinoma. Chen, G. *et al.* Clinical Cancer Research 17(4), 817-26, 2011.
- 11. Expression of CYP2S1 in human hepatic stellate cells. Marek, C. J. *et al.* FEBS Letters 581(4), 781-6, 2007.
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  Bardag-Gorce, F. *et al.* Experimental and Molecular Pathology 81(3), 191-201, 2006.
- 13. Characterization of androgen-regulated expression of CYP3A5 in human prostate. Moilanen, A. M. *et al.* Carcinogenesis 28(5), 916-21, 2007.

- 14. Sequence variants at CHRNB3-CHRNA6 and CYP2A6 affect smoking behavior. Thorgeirsson, T. E. *et al.* Nature Genetics 42(5), NPG, 2010.
- 15. Intestinal flora induces the expression of Cyp3a in the mouse liver. Toda, T. *et al.* Xenobiotica 39(4), 323-34, 2009.
- 16. Recalling P446. P4501A1 (CYP1A1) opting for clinical application. Hildebrandt, A. G. *et al.* Drug Metabolism Reviews 39(2-3), 323-41, 2007.
- 17. Microarray analysis of hepatic gene expression in pyrazole- mediated hepatotoxicity: Identification of potential stimuli of Cyp2a5 induction.

  Nichols, K. D. *et al.* Biochemical Pharmacology 75(2), 538-51, 2008.
- 18. Prediction of paclitaxel resistance in breast cancer: is CYP1B1\*3 a new factor of influence?.
- 18. Prediction of paclitaxel resistance in breast cancer: is CYP1B1\*3 a new factor of influence?. Mathias, G. *et al.* Pharmacogenomics 9(7), 969-74, 2008.
- 19. ATF5 is a highly abundant liver-enriched transcription factor that cooperates with constitutive androstane receptor in the transactivation of CYP2B6: Implications in hepatic stress responses. Pascual, M. *et al.* Drug Metabolism and Disposition 36(6), 1063-72, 2008.
- 20. CCAAT/Enhancer-binding protein alpha (C/EBPalpha) and Hepatocyte Nuclear Factor 4alpha (HNF4alpha) Synergistically Cooperate with Constitutive Androstane Recpetor to Transactivate the Human Cytochrome P450 2B6 (CYP2B6) Gene: Application to the development of a metabolically competent human hepatic cell model.
  - Benet, M. et al. Journal of Biological Chemistry 285(37), 28457-71, 2010.
- 21. The Impact of CYP2D6 Genetic Polymorphisms on Postoperative Morphine Consumption. Candiotti, K. A. *et al.* Pain Medicine 10(5), 799-805, 2009.
- 22. CYP4F2 genetic variant alters required warfarin dose. Caldwell, M. D. *et al.* Blood 111(8), 4106-12, 2008.
- 23. Toxicogenomic analysis of the hepatic effects of perfluorooctanoic acid on rare minnows (Gobiocypris rarus).
  - Wei, Y. H. et al. Toxicology and Applied Pharmacology 226(3), 285-97, 2008.
- 24. CYP26A1 knockout embryonic stem cells exhibit reduced differentiation and growth arrest in response to retinoic acid.
  - Langton, S. et al. Developmental Biology 315(2), 331-54, 2008.
- 25. Bisphosphonate-related osteonecrosis of the jaw is associated with polymorphisms of the cytochrome P450 CYP2C8 in multiple myeloma: a genome-wide single nucleotide polymorphism analysis. Sarasquete, M. E. *et al.* Blood 112(7), 2709-12, 2008.
- 26. CYP1A1 and MT1K are congener specific biomarker genes for liver diseases induced by PCBs. Dutta, S. K. *et al.* Environmental Toxicology and Pharmacology 25(2), 218-21, 2008.
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29. The Arabidopsis Abscisic Acid Catabolic Gene CYP707A2 Plays a Key Role in Nitrate Control of Seed Dormancy.

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30. The impact of CYP2E1 on the development of alcoholic liver disease as studied in a transgenic mouse model.

Butura, A. et al. Journal of Hepatology 50(3), 572-83, 2009.

31. Dynamic Patterns of Histone Methylation Are Associated with Ontogenic Expression of the Cyp3a Genes during Mouse Liver Maturation.

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32. The Osteogenic Transcription Factor Runx2 Controls Genes Involved in Sterol/Steroid Metabolism, Including Cyp11a1 in Osteoblasts.

Teplyuk, N. M. et al. Molecular Endocrinology 23(6), 849-61, 2009.

- 33. Novel Cytochrome P450, cyp6a17, Is Required for Temperature Preference Behavior Drosophila. Kang, J. *et al.* Plos One 6(12), NPG, 2011.
- 34. CYP4F2 genetic variant alters required warfarin dose. Caldwell, M. D. *et al.* Blood 111(8), 4106-12, 2008.
- 35. The AmpliChip(TM) CYP450 Genotyping Test Integrating a new clinical tool. de Leon, J. *et al.* Molecular Diagnosis & Therapy 10(3), 135-51, 2006.
- 36. Genetic variation of CYP2C19 affects both pharmacokinetic and pharmacodynamic responses to clopidogrel but not prasugrel in aspirin-treated patients with coronary artery disease. Varenhorst, C. *et al.* European Heart Journal 30(14), 1744-52, 2009.
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- 43. Phenobarbital Mediates an Epigenetic Switch at the Constitutive Androstane Receptor (CAR) Target Gene Cyp2b10 in the Liver of B6C3F1 Mice. Lempiainen, H. *et al.* Plos One 6(3), NPG, 2011.

- 44. Sequence variants at CYP1A1-CYP1A2 and AHR associate with coffee consumption. Sulem, P. *et al.* Human Molecular Genetics 20(10), 2071-7, 2011.
- 45. Genome-Wide Meta-Analysis Identifies Regions on 7p21 (AHR) and 15q24 (CYP1A2) As Determinants of Habitual Caffeine Consumption.

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- 46. Controlled indole-3-acetaldoxime production through ethanol-induced expression of CYP79B2. Mikkelsen, M. D. *et al.* Planta 229(6), 1209-17, 2009.
- 47. Control of plant organ size by KLUH/CYP78A5-dependent intercellular signaling. Anastasiou, E. *et al.* Developmental Cell 13(6), 843-56, 2007.
- 48. Transcriptomic Concentration-Response Evaluation of Valproic Acid, Cyproconazole, and Hexaconazole in the Neural Embryonic Stem Cell Test (ESTn).

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- 49. The Arabidopsis cytochrome P450 CYP707A encodes ABA 8'-hydroxylases: key enzymes in ABA catabolism.

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- 50. The Hepatocarcinogenic Conazoles: Cyproconazole, Epoxiconazole, and Propiconazole Induce a Common Set of Toxicological and Transcriptional Responses. Hester, S. *et al.* Toxicological Sciences 127(1), 54-65, 2012.
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  Messner, B. *et al.* Plos One 8(3), NPG, 2013.
- 52. The Rice Semi-Dwarf Mutant sd37, Caused by a Mutation in CYP96B4, Plays an Important Role in the Fine-Tuning of Plant Growth.

  Zhang, J. *et al.* Plos One 9(2), NPG, 2014.
- 53. Genome-Wide Pharmacogenomic Study on Methadone Maintenance Treatment Identifies SNP rs17180299 and Multiple Haplotypes on CYP2B6, SPON1, and GSG1L Associated with Plasma Concentrations of Methadone R- and S-enantiomers in HeroinDependent Patients. Yang, H. C. *et al.* Plos One 11(3), NPG, 2016.
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